

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 1/2/2024 Version: 1.0

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Article

Product name : Bluetooth FM transmitter button cell CR2025

Product code : CATR100BK

: SP-188 Lithium cells and batteries are not subject to provision of ADR because lithium Type of product

metal is less than 2 gram.

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.2.1. Relevant identified uses

Intended for general public

Main use category : Consumer use

Use of the substance/mixture : Electrical batteries and accumulators

1.2.2. Uses advised against

Restrictions on use : Do not open batteries

#### 1.3. Details of the supplier of the safety data sheet

De Tweeling 28 5215MC 's Hertogenbosch, The Netherlands T+31 735991055 www.nedis.com

#### 1.4. Emergency telephone number

No additional information available

#### **SECTION 2: Hazards identification**

# 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute toxicity (oral), Category 4

Full text of H- and EUH-statements: see section 16

# Adverse physicochemical, human health and environmental effects

Harmful if swallowed.

#### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Signal word (CLP)

Contains : manganese dioxide; lithium Hazard statements (CLP) : H302 - Harmful if swallowed. Precautionary statements (CLP) : P102 - Keep out of reach of children.

P270 - Do not eat, drink or smoke when using this product.

#### 2.3. Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

Component	
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	1,2-dimethoxyethane (110-71-4), Lead (7439-92-1)(²), Cadmium (7440-43-9)(²)

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Component	
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	1,2-dimethoxyethane (110-71-4), Lead (7439-92-1)(²), Cadmium (7440-43-9)(²)

(²) Substance(s) added in concentration <0.1% on voluntary basis

# Component Substance(s) not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated 1,2-dimethoxyethane (110-71-4), Line to the criteria set out in Commission Delegated

 $1, 2-dimethoxyethane\ (110-71-4),\ Lead\ (7439-92-1)(^2),\ Cadmium\ (7440-43-9)(^2)$ 

Regulation (EU) 2017/2100 or Commission

# **SECTION 3: Composition/information on ingredients**

#### 3.1. Substances

Regulation (EU) 2018/605

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Iron	CAS-No.: 7439-89-6 EC-No.: 231-096-4	57.41	Not classified
manganese dioxide	CAS-No.: 1313-13-9 EC-No.: 215-202-6 EC Index-No.: 025-001-00-3	29.79	Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Oral), H302
Lithium perchlorate	CAS-No.: 7791-03-9 EC-No.: 232-237-2	3.92	Ox. Liq. 1, H271 Acute Tox. 4 (Oral), H302 Skin Corr. 1, H314
propylene carbonate	CAS-No.: 108-32-7 EC-No.: 203-572-1 EC Index-No.: 607-194-00-1	2.83	Eye Irrit. 2, H319
POLYPROPYLENE	CAS-No.: 9003-07-0	2.46	Not classified
lithium	CAS-No.: 7439-93-2 EC-No.: 231-102-5 EC Index-No.: 003-001-00-4	1.71	Water-react. 1, H260 Skin Corr. 1B, H314
1,2-dimethoxyethane substance listed as REACH Candidate (1, 2- dimethoxyethane; ethylene glycol dimethyl ether (EGDME))	CAS-No.: 110-71-4 EC-No.: 203-794-9	1.46	Not classified
Graphite	CAS-No.: 7782-42-5	0.21	Not classified
Polytetrafluoroethylene	CAS-No.: 9002-84-0 EC-No.: 618-337-2	0.21	Not classified
Lead substance listed as REACH Candidate	CAS-No.: 7439-92-1 EC-No.: 231-100-4	≤ 0.001	Not classified
Cadmium substance listed as REACH Candidate	CAS-No.: 7440-43-9 EC-No.: 231-152-8	≤ 0.001	Not classified

<sup>(2)</sup> Substance(s) added in concentration <0.1% on voluntary basis

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Name	Product identifier		Classification according to Regulation (EC) No. 1272/2008 [CLP]
,	CAS-No.: 7439-97-6 EC-No.: 231-106-7	≤ 0.0001	Not classified

Full text of H- and EUH-statements: see section 16

#### **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

First-aid measures general : Call a poison center or a doctor if you feel unwell.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a poison center or a

doctor if you feel unwell.

First-aid measures after skin contact : Wash skin with plenty of water.
First-aid measures after eye contact : Rinse eyes with water as a precaution.

#### 4.2. Most important symptoms and effects, both acute and delayed

No additional information available

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

#### **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

Suitable extinguishing media : Dry powder. Foam.

#### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained

breathing apparatus. Complete protective clothing.

#### **SECTION 6: Accidental release measures**

#### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information

refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Mechanically recover the product.

Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 13.

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#### **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

Precautions for safe handling : Wear personal protective equipment. Ensure good ventilation of the work station. Do not

allow contact with water.

Hygiene measures : Do not eat, drink or smoke when using this product.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a closed container. Keep container tightly closed. Store locked up. Protect from

moisture. Store in a dry place. Store in a well-ventilated place. Keep cool.

Storage temperature : < 70 °C

**Germany** 

Storage class (LGK, TRGS 510) : LGK 11 - Combustible solids

Joint storage table : LGK 11 - Combustible solid

LGK 1	LGK 2A	LGK 2B	LGK 3	LGK 4.1A
LGK 4.1B	LGK 4.2	LGK 4.3	LGK 5.1A	LGK 5.1B
LGK 5.1C	LGK 5.2	LGK 6.1A	LGK 6.1B	LGK 6.1C
LGK 6.1D	LGK 6.2	LGK 7	LGK 8A	LGK 8B
LGK 10	LGK 11	LGK 12	LGK 13	LGK 10-13

Joint storage not permitted for : LGK 1, LGK 5.1A, LGK 6.2, LGK 7

Joint storage with restrictions permitted for : LGK 2A, LGK 3, LGK 4.1A, LGK 4.2, LGK 4.3, LGK 5.1B, LGK 5.1C, LGK 5.2, LGK 6.1A,

**LGK 6.1B** 

Joint storage permitted for : LGK 2B, LGK 4.1B, LGK 6.1C, LGK 6.1D, LGK 8A, LGK 8B, LGK 10, LGK 11, LGK 12,

LGK 13, LGK 10-13

**Switzerland** 

Storage class (LK) : LK 11/13 - Solids

#### 7.3. Specific end use(s)

No additional information available

#### **SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

No additional information available

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

#### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

## Appropriate engineering controls:

Ensure good ventilation of the work station.

#### 8.2.2. Personal protection equipment

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#### 8.2.2.1. Eye and face protection

No additional information available

#### 8.2.2.2. Skin protection

No additional information available

#### 8.2.2.3. Respiratory protection

No additional information available

#### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

#### **Environmental exposure controls:**

Avoid release to the environment.

#### **SECTION 9: Physical and chemical properties**

#### 9.1. Information on basic physical and chemical properties

Physical state : Solid
Colour : Not available
Odour : Not available
Odour threshold : Not available
Melting point : Not available
Freezing point : Not applicable
Boiling point : Not available

Flammability : In contact with water releases flammable gases which may ignite spontaneously.

Lower explosion limit : Not applicable Upper explosion limit : Not applicable Flash point : Not applicable Auto-ignition temperature : Not applicable : Not available Decomposition temperature рΗ : Not available pH solution : Not available Viscosity, kinematic : Not applicable Solubility : Not available Partition coefficient n-octanol/water (Log Kow) : Not available : Not available Vapour pressure Vapour pressure at 50°C : Not available Density : Not available Relative density : Not available Relative vapour density at 20°C : Not applicable Particle size : Not available

#### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

#### **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Stable under normal conditions of use.

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#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. In contact with water releases flammable gases which may ignite spontaneously.

#### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7). Water, humidity. Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

#### 10.5. Incompatible materials

No additional information available

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

#### **SECTION 11: Toxicological information**

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Harmful if swallowed.
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Acute toxicity (inhalation)	: Not classified		
Bluetooth FM transmitter button cell CR2025			
ATE CLP (oral)	1551.831 mg/kg bodyweight		
Graphite (7782-42-5)			
LD50 oral rat	> 2000 mg/kg Source: ECHA		
LC50 Inhalation - Rat (Dust/Mist)	> 2000 mg/l Source: ECHA		
1,2-dimethoxyethane (110-71-4)			
LD50 oral rat	5370 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 4890 - 5920		
LD50 dermal rat	> 5000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)		
Lead (7439-92-1)			
LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method)		
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)		
LC50 Inhalation - Rat	> 5.05 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)		
Skin corrosion/irritation	: Not classified		
Serious eye damage/irritation	: Not classified		
Respiratory or skin sensitisation	: Not classified		
Germ cell mutagenicity	: Not classified		
Carcinogenicity	: Not classified		
Reproductive toxicity	: Not classified		
STOT-single exposure	: Not classified		
STOT-repeated exposure	: Not classified		
1,2-dimethoxyethane (110-71-4)			

Aspiration hazard : Not classified

NOAEC (inhalation, rat, vapour, 90 days)

28-Day Study)

0.187 mg/l air Animal: rat, Guideline: OECD Guideline 412 (Subacute Inhalation Toxicity:

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Viscosity, kinematic Not applicable	
1,2-dimethoxyethane (110-71-4)	
Viscosity, kinematic	0.483 mm²/s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm²/s)'

#### 11.2. Information on other hazards

No additional information available

# **SECTION 12: Ecological information**

# 12.1. Toxicity

Ecology - general : Before neutralisation, the product may represent a danger to aquatic organisms.

Hazardous to the aquatic environment, short-term : Not classified

(courts)

Hazardous to the aquatic environment, long-term

: Not classified

(chronic)

Graphite (7782-42-5)			
LC50 - Fish [1]	100 mg/l Source: ECHA		
EC50 - Crustacea [1]	100 mg/l Source: ECHA		
ErC50 algae	100 mg/l Source: ECHA		
1,2-dimethoxyethane (110-71-4)			
LC50 - Fish [1]	> 5000 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)		
EC50 - Crustacea [1]	4000 mg/l Test organisms (species): Daphnia magna		
EC50 72h - Algae [1]	9120 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)		
NOEC (chronic)	320 mg/l Test organisms (species): Daphnia magna Duration: '21 d'		
Lead (7439-92-1)			
LC50 - Fish [1]	1170 μg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)		
LC50 - Fish [2]	107 μg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)		
Mercury (7439-97-6)			
LC50 - Fish [1]	168 μg/l Test organisms (species): Pimephales promelas		
LC50 - Fish [2]	67 μg/l Test organisms (species): Fundulus heteroclitus		
LOEC (chronic)	0.0034 mg/l Test organisms (species): Daphnia magna Duration: '21 d'		
NOEC (chronic)	0.0017 mg/l Test organisms (species): Daphnia magna Duration: '21 d'		
Iron (7439-89-6)			
EC50 - Crustacea [1]	> 100 mg/l Test organisms (species): Daphnia magna		
EC50 - Crustacea [2]	> 10000 mg/l Test organisms (species): Daphnia magna		

# 12.2. Persistence and degradability

Bluetooth FM transmitter button cell CR2025	
Persistence and degradability	Not rapidly degradable

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manganese dioxide (1313-13-9)		
Persistence and degradability	Not rapidly degradable	
lithium (7439-93-2)		
Persistence and degradability	Not rapidly degradable	
propylene carbonate (108-32-7)		
Persistence and degradability	Not rapidly degradable	
Lithium perchlorate (7791-03-9)		
Persistence and degradability	Not rapidly degradable	
Graphite (7782-42-5)		
Persistence and degradability	Not rapidly degradable	
Polytetrafluoroethylene (9002-84-0)		
Persistence and degradability	Not rapidly degradable	
1,2-dimethoxyethane (110-71-4)		
Persistence and degradability	Not rapidly degradable	
Lead (7439-92-1)		
Persistence and degradability	Not rapidly degradable	
Cadmium (7440-43-9)		
Persistence and degradability	Not rapidly degradable	
Mercury (7439-97-6)		
Persistence and degradability	Not rapidly degradable	
Iron (7439-89-6)		
Persistence and degradability	Not rapidly degradable	
POLYPROPYLENE (9003-07-0)		
Persistence and degradability	Not rapidly degradable	

# 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

# 12.5. Results of PBT and vPvB assessment

Component		
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	1,2-dimethoxyethane (110-71-4), Lead (7439-92-1)(²), Cadmium (7440-43-9)(²)	
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	1,2-dimethoxyethane (110-71-4), Lead (7439-92-1)(²), Cadmium (7440-43-9)(²)	

<sup>(</sup>²) Substance(s) added in concentration <0.1% on voluntary basis

# 12.6. Endocrine disrupting properties

No additional information available

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#### 12.7. Other adverse effects

No additional information available

#### **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

#### **SECTION 14: Transport information**

In accordance with ADR / IMDG / IATA / ADN / RID

IMDG	IATA	ADN	RID
umber			
UN 3091	UN 3091	UN 3091	UN 3091
g name			
LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT	Lithium metal batteries packed with equipment	LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT	LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT
iption			
UN 3091 LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT, 9	UN 3091 Lithium metal batteries packed with equipment, 9	UN 3091 LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT, 9	UN 3091 LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT, 9
class(es)			
9	9	9	9
9			
,			
Not applicable	Not applicable	Not applicable	Not applicable
ards			
Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
	UN 3091  g name  LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT  ption  UN 3091 LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT, 9  lass(es)  9  Not applicable ards  Dangerous for the environment: No	UN 3091  UN 3091  UN 3091  UN 3091  LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT  Ption  UN 3091 LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT, 9  UN 3091 Lithium metal batteries packed with equipment, 9  Liass(es)  9  9  9  10  10  10  10  10  10  10  1	UN 3091  LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT  Iption  UN 3091 LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT  UN 3091 LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT, 9  UN 3091 LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT, 9  UN 3091 LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT, 9  UN 3091 LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT, 9  UN 3091 LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT, 9  UN 3091 LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT, 9  UN 3091 LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT, 9  Dangerous for the environment: No Dangerous for the environment in the part of the environment in the part of the

#### 14.6. Special precautions for user

# Overland transport

Classification code (ADR) : M4

Special provisions (ADR) : 188, 230, 310, 360, 376, 377, 387, 390, 670

Limited quantities (ADR) : 0
Excepted quantities (ADR) : E0

Packing instructions (ADR) : P903, P909, P910, P911, LP903, LP904, LP905, LP906

Transport category (ADR) : 2
Tunnel restriction code (ADR) : E
EAC code : 4Y

Transport by sea

Special provisions (IMDG) : 188, 230, 310, 360, 376, 377, 384, 387

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Limited quantities (IMDG) : 0
Excepted quantities (IMDG) : E0

Packing instructions (IMDG) : P903, P909, P909, P910, P911, LP903, LP904, LP905, LP906

EmS-No. (Fire): F-AEmS-No. (Spillage): S-IStowage category (IMDG): AStowage and handling (IMDG): SW19

Properties and observations (IMDG) : Electrical batteries containing lithium encased in a rigid metallic body. Lithium batteries may

also be shipped in, or packed with, equipment. Electrical lithium batteries may cause fire due to an explosive rupture of the body caused by improper construction or reaction with

contaminants.

Air transport

PCA Excepted quantities (IATA) : E0
PCA Limited quantities (IATA) : Forbidden
PCA limited quantity max net quantity (IATA) : Forbidden
PCA packing instructions (IATA) : 969
PCA max net quantity (IATA) : 5kg
CAO packing instructions (IATA) : 969
CAO max net quantity (IATA) : 35kg

Special provisions (IATA) : A88, A99, A154, A164, A181, A185, A206, A213, A802

ERG code (IATA) : 12FZ

**Inland waterway transport** 

Classification code (ADN) : M4

Special provisions (ADN) : 188, 230, 310, 360, 376, 377, 387, 390, 670

Limited quantities (ADN) : 0

Excepted quantities (ADN) : E0

Equipment required (ADN) : PP

Number of blue cones/lights (ADN) : 0

Rail transport

Classification code (RID) : M4

Special provisions (RID) : 188, 230, 310, 360, \_376, 377, 387, 390, 670

Limited quantities (RID) : 0
Excepted quantities (RID) : E0

Packing instructions (RID) : P903, 908, 909, P910, P911, LP903, LP904, LP905, LP906

Transport category (RID) : 2
Colis express (express parcels) (RID) : CE2
Hazard identification number (RID) : 90

#### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

#### **SECTION 15: Regulatory information**

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

#### **REACH Annex XVII (Restriction List)**

Not applicable.

#### **REACH Annex XIV (Authorisation List)**

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

#### **REACH Candidate List (SVHC)**

Contains substance(s) listed on the REACH Candidate List in concentrations above or equal to 0.1 %: 1, 2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME) (EC 203-794-9, CAS 110-71-4), Lead (EC 231-100-4, CAS 7439-92-1), Cadmium (EC 231-152-8, CAS 7440-43-9)

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#### **PIC Regulation (Prior Informed Consent)**

Contains substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals): cadmium (non-pyrophoric) (7440-43-9), mercury (7439-97-6)

#### **POP Regulation (Persistent Organic Pollutants)**

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

#### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

#### Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

#### **Explosives Precursors Regulation (2019/1148)**

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

#### **Drug Precursors Regulation (273/2004)**

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### 15.1.2. National regulations

#### **France**

Occupational diseases		
Code	Description	
RG 1	Conditions caused by lead and its compounds	
RG 2	Occupational diseases caused by mercury and its compounds	
RG 25	Diseases resulting from the inhalation of mineral dust containing crystalline silica (quartz, cristobalite, tridymite), crystalline silicates (kaolin, talc), graphite or coal.	
RG 39	Occupational diseases caused by manganese dioxide	
RG 61	Occupational diseases caused by cadmium and its compounds	
RG 61 BIS	Bronchopulmonary cancer caused by the inhalation of dusts or fumes containing cadmium	
RG 66	Occupational rhinitis and asthma	

#### Germany

Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG).

Observe restrictions according Act on the Protection of Young People in Employment

(JArbSchG).

Water hazard class (WGK) : WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1).

Hazardous Incident Ordinance (12. BlmSchV) : Is not subject of the Hazardous Incident Ordinance (12. BlmSchV)

**Netherlands** 

ABM category : Z(1) - non biodegradable substances with hazardous properties for humans and the

environment (carcinogenicity/ mutagenicity/ reprotoxicity/bioacumulative potential/ toxicity or

persistence)

SZW-lijst van kankerverwekkende stoffen : Lithium perchlorate,Cadmium are listed

SZW-lijst van mutagene stoffen : Lithium perchlorate is listed SZW-lijst van reprotoxische stoffen – Borstvoeding : Lead,Cadmium are listed

SZW-lijst van reprotoxische stoffen – : 1,2-dimethoxyethane,Lead,Cadmium are listed

Vruchtbaarheid

SZW-lijst van reprotoxische stoffen – Ontwikkeling : 1,2-dimethoxyethane,Lead,Cadmium,Mercury are listed

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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# **SECTION 16: Other information**

Abbreviations and acronyms:		
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	
ATE	Acute Toxicity Estimate	
BCF	Bioconcentration factor	
BLV	Biological limit value	
BOD	Biochemical oxygen demand (BOD)	
COD	Chemical oxygen demand (COD)	
DMEL	Derived Minimal Effect level	
DNEL	Derived-No Effect Level	
EC-No.	European Community number	
EC50	Median effective concentration	
EN	European Standard	
IARC	International Agency for Research on Cancer	
IATA	International Air Transport Association	
IMDG	International Maritime Dangerous Goods	
LC50	Median lethal concentration	
LD50	Median lethal dose	
LOAEL	Lowest Observed Adverse Effect Level	
NOAEC	No-Observed Adverse Effect Concentration	
NOAEL	No-Observed Adverse Effect Level	
NOEC	No-Observed Effect Concentration	
OECD	Organisation for Economic Co-operation and Development	
OEL	Occupational Exposure Limit	
PBT	Persistent Bioaccumulative Toxic	
PNEC	Predicted No-Effect Concentration	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	
SDS	Safety Data Sheet	
STP	Sewage treatment plant	
ThOD	Theoretical oxygen demand (ThOD)	
TLM	Median Tolerance Limit	
VOC	Volatile Organic Compounds	
CAS-No.	Chemical Abstract Service number	
N.O.S.	Not Otherwise Specified	
vPvB	Very Persistent and Very Bioaccumulative	
ED	Endocrine disrupting properties	

Full text of H- and EUH-statements:	
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Full text of H- and EUH-statements:		
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
H260	In contact with water releases flammable gases which may ignite spontaneously.	
H271	May cause fire or explosion; strong oxidiser.	
H302	Harmful if swallowed.	
H314	Causes severe skin burns and eye damage.	
H319	Causes serious eye irritation.	
H332	Harmful if inhaled.	
Ox. Liq. 1	Oxidising Liquids, Category 1	
Skin Corr. 1	Skin corrosion/irritation, Category 1	
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B	
Water-react. 1	Substances and Mixtures which, in contact with water, emit flammable gases, Category 1	

The classification complies with

: ATP 12

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.